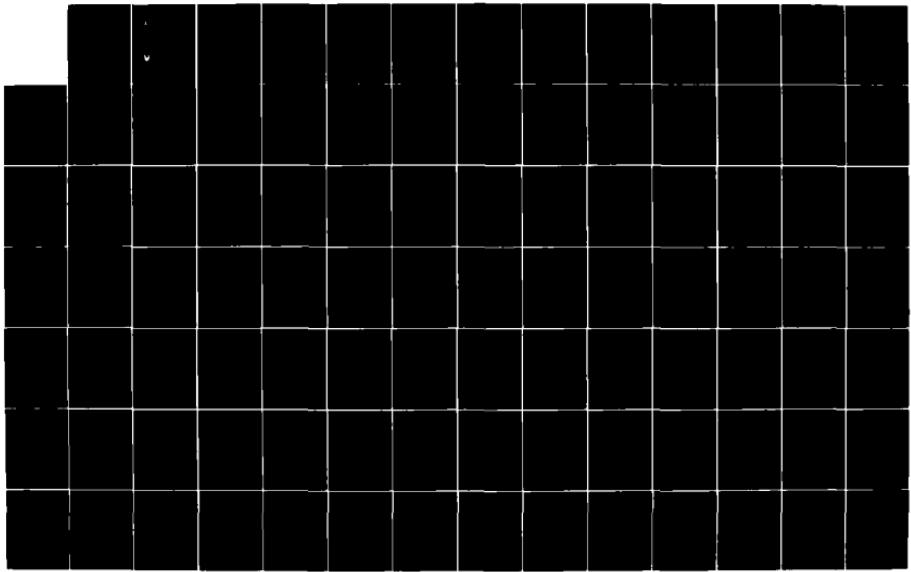
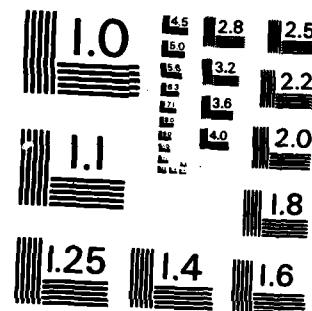


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CUMULATIVE REACTANT SPECIES INDEX FOR VOLUMES I-VIII
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VOLUME IX

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U.S. ARMY MISSILE COMMAND
Redstone Arsenal, Alabama 35809

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This volume contains a cumulative reactant species index for MIRADCOM Technical Report H-78-1. Volumes I and II covered data relevant to rare gas and gas-monohalide excimer lasers; Volumes III - VI covered data relevant to nuclear pumped lasers; and Volumes VII - VIII covered additional data relevant to gas lasers.		

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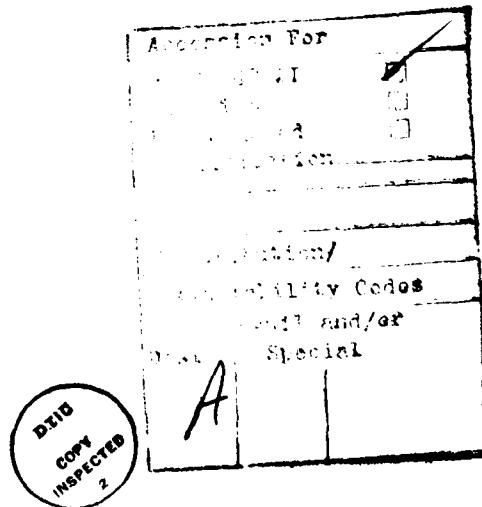
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19. KEYWORDS

Lasers
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Transport properties
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Potential energy curves
Excitation
Ionization
Laser pumping mechanisms
Heavy nuclides
Light nuclides
High energy electron beams
High energy ion beams

Notes Concerning Use of Index

1. For references to electron - heavy particle collisions, look under "Electrons".
2. For references to photon - heavy particle collisions, look under the heading for the heavy particle involved.
3. For references to heavy particle - heavy particle collisions, it may be necessary to look under the headings for each of the species involved. In general, each combination of reactants is listed only once.



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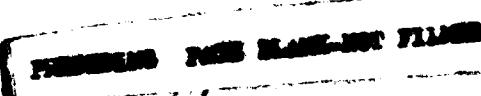
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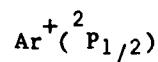
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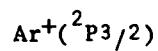
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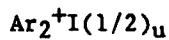
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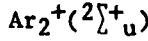
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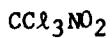
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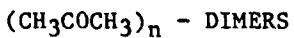
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Electron affinity 1162

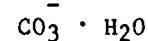


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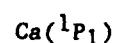
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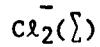
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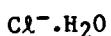
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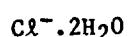
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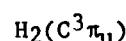
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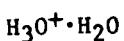
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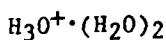
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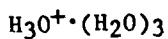
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Mobility in argon 740



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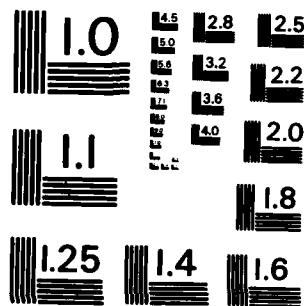
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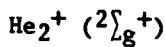
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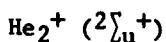
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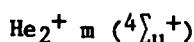
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NO_3

Electron affinity 1162

$\text{NO}^+ \cdot \text{O}_2$

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$\text{NO}_3^- \cdot \text{H}_2\text{O}$

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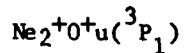
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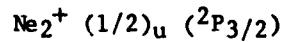
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Np

Polarizability 1157

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0⁺*

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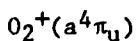
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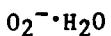
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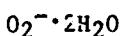
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